

Amendments to the Drawings:

It is requested that the Examiner approve the amendment to Figs. 1 and 2, which adds a reference numerals $S_1, S_2 \dots S_n$ and 31A. An Annotated Drawing is attached as well as the Replacement Sheet.

Attachment: Replacement Sheet
Annotated Sheet Show Changes

REMARKS

This Amendment is in response to the Office Action of November 14, 2003 wherein the Examiner made certain technical objections to claims 12-24, 27, 32 and 42. The amendments herein are believed to address the various technical objections and do not further limit the claims.

The drawings have been amended in order to put in reference numerals corresponding to the uninsulated strands 31A, and the various sections S₁ and S_n. No new matter has been added. Replacement drawings are enclosed.

The specification has been amended in order point to the uninsulated strands 31A in Fig. 2 and the various sections S₁ and S_n in Fig. 1. No new matter has been added.

Certain claims have been rejected over Fig. 3, Elton '565 in view of Takaoka which has insulated strands and uninsulated strands in the conductor of a transmission cable. The arrangement in Takaoka is for reducing the so called "skin effect" which occurs in transmission lines. In Takaoka, the strands are not insulated in such a way that eddy currents are suppressed. The skin effect and eddy currents are different phenomena. Independent claims 1 and 29 have been amended in order to recite the insulated and uninsulated strands. Claim 33 recites insulated stands and at least one uninsulated strand. It is believed that the claimed arrangement is not shown or suggested by the combination asserted by the Examiner.

It is therefore respectfully requested that the Examiner reconsider his rejection of the claims, the allowance of which is earnestly solicited.

The Commissioner is authorized to charge Deposit Account No. 04-2223 for fees, which may be required in this matter or credit any overpayment thereto.

Respectfully submitted

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Fig. 1

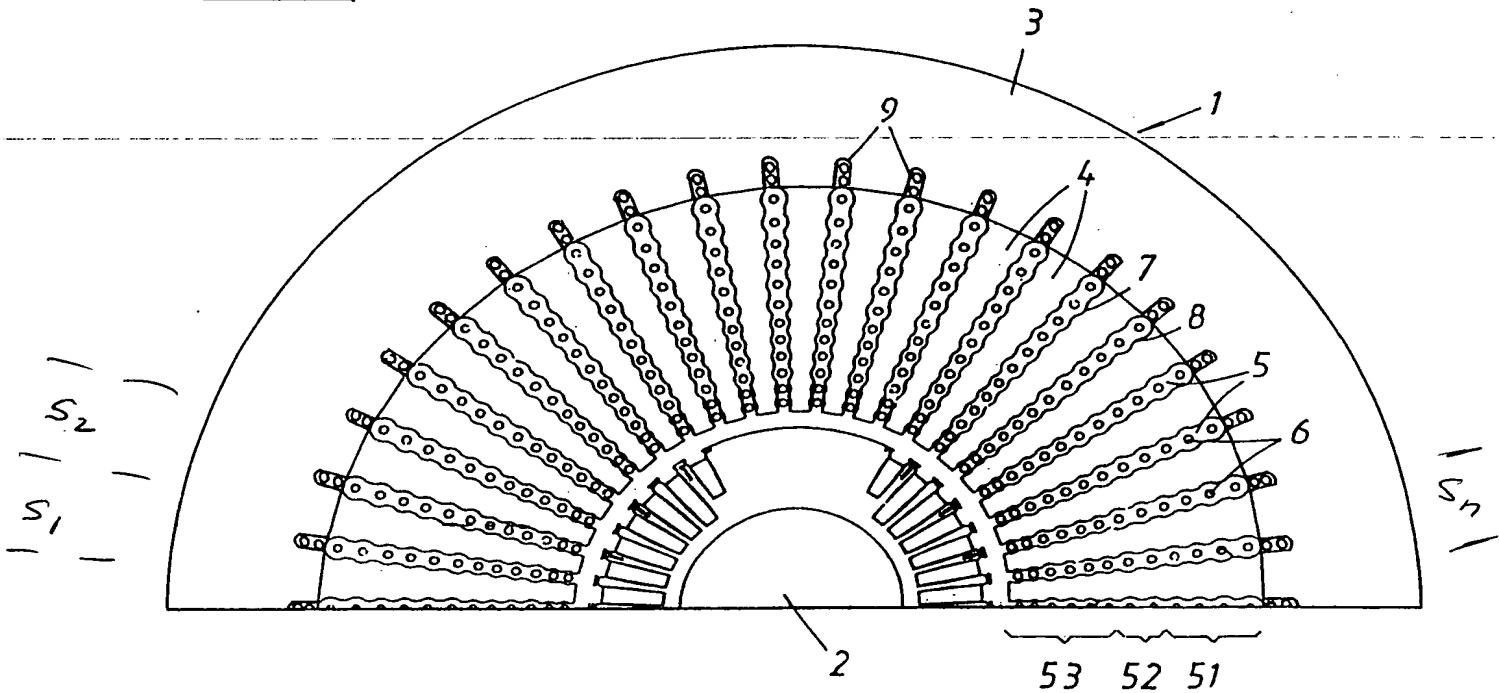


Fig. 2

